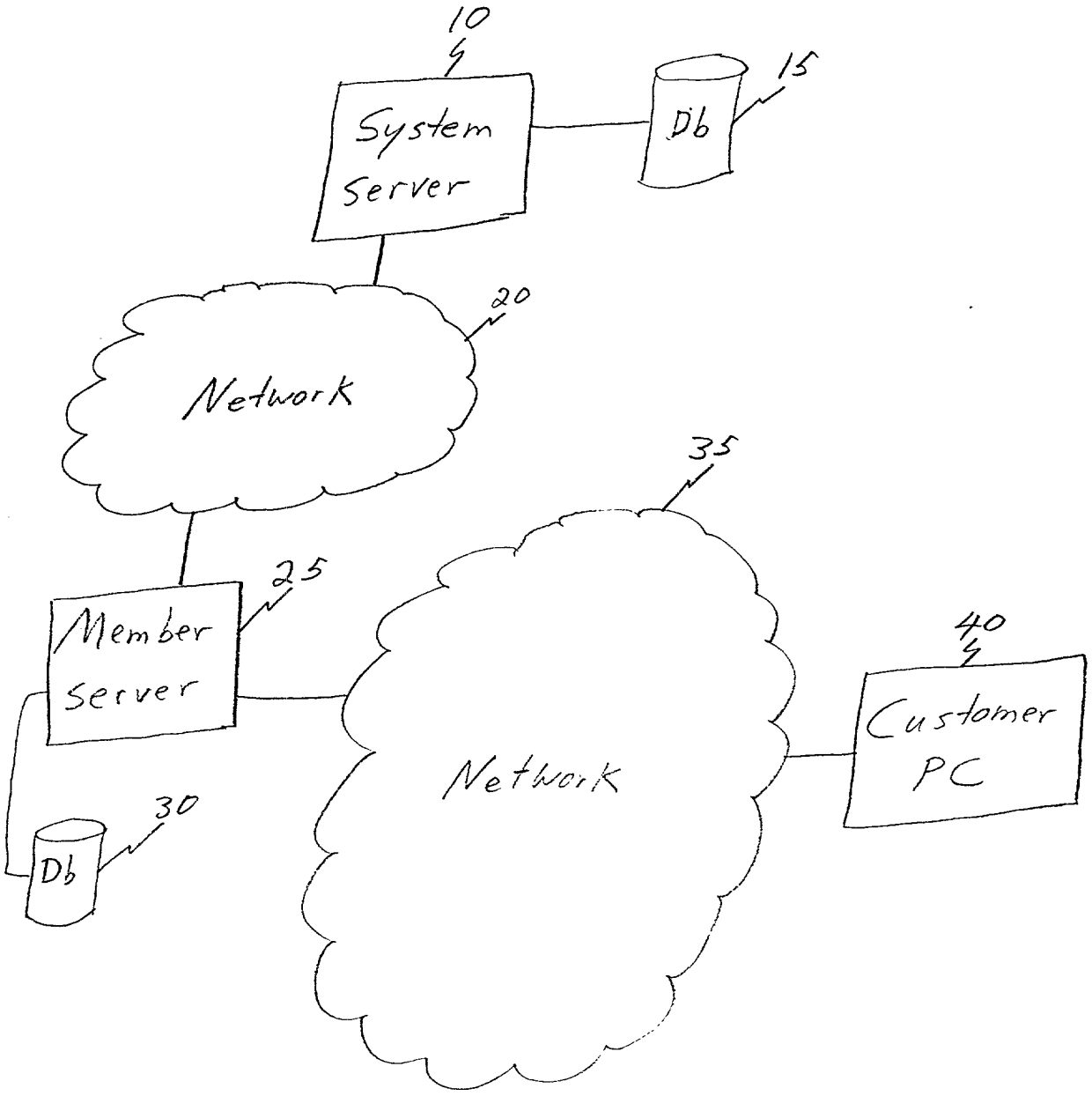

10
System Server
Db
15
20
Network
35
Member Server
25
Network
40
Customer PC
Db
30

FIG. 1A

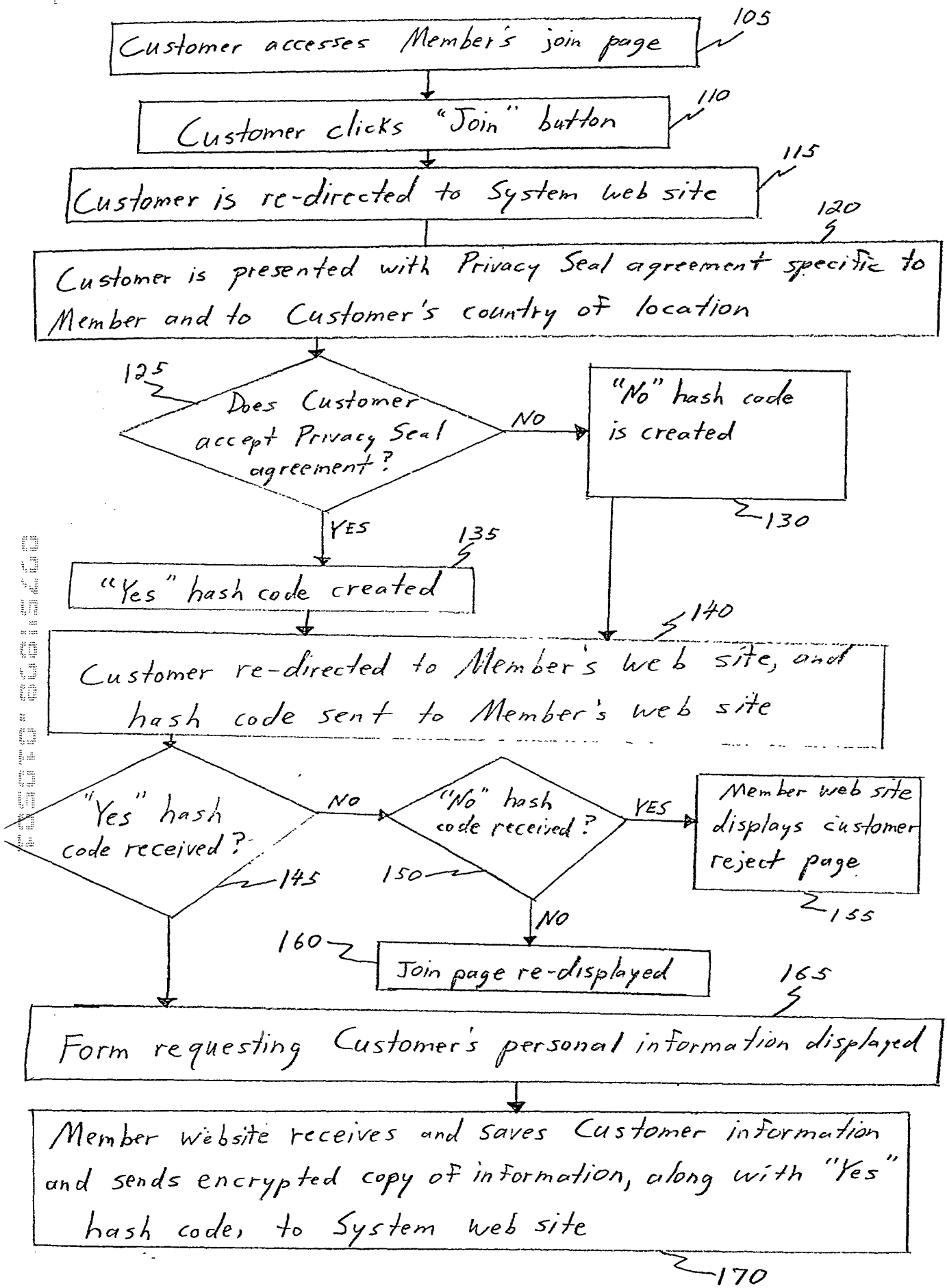

Customer accesses Member's join page
105
Customer clicks "Join" button
110
Customer is re-directed to System web site
115
Customer is presented with Privacy Seal agreement specific to Member and to Customer's country of location
120
Does Customer accept Privacy Seal agreement?
125
NO
"No" hash code is created
130
YES
"Yes" hash code created
135
Customer re-directed to Member's web site, and hash code sent to Member's web site
140
"Yes" hash code received?
145
NO
"No" hash code received?
150
YES
Member web site displays customer reject page
155
NO
Join page re-displayed
160
Form requesting Customer's personal information displayed
165
Member website receives and saves Customer information and sends encrypted copy of information, along with "Yes" hash code, to System web site
170

FIG. 1B

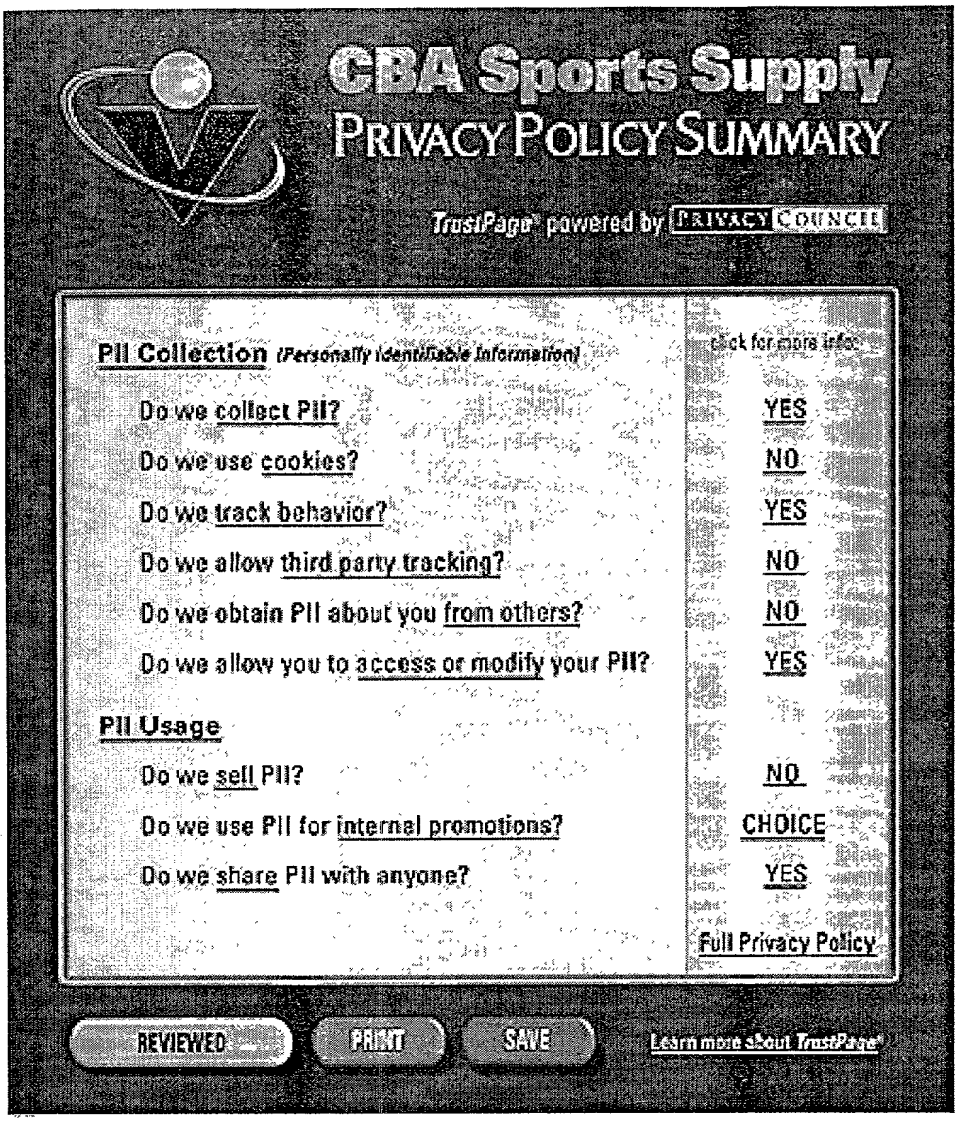
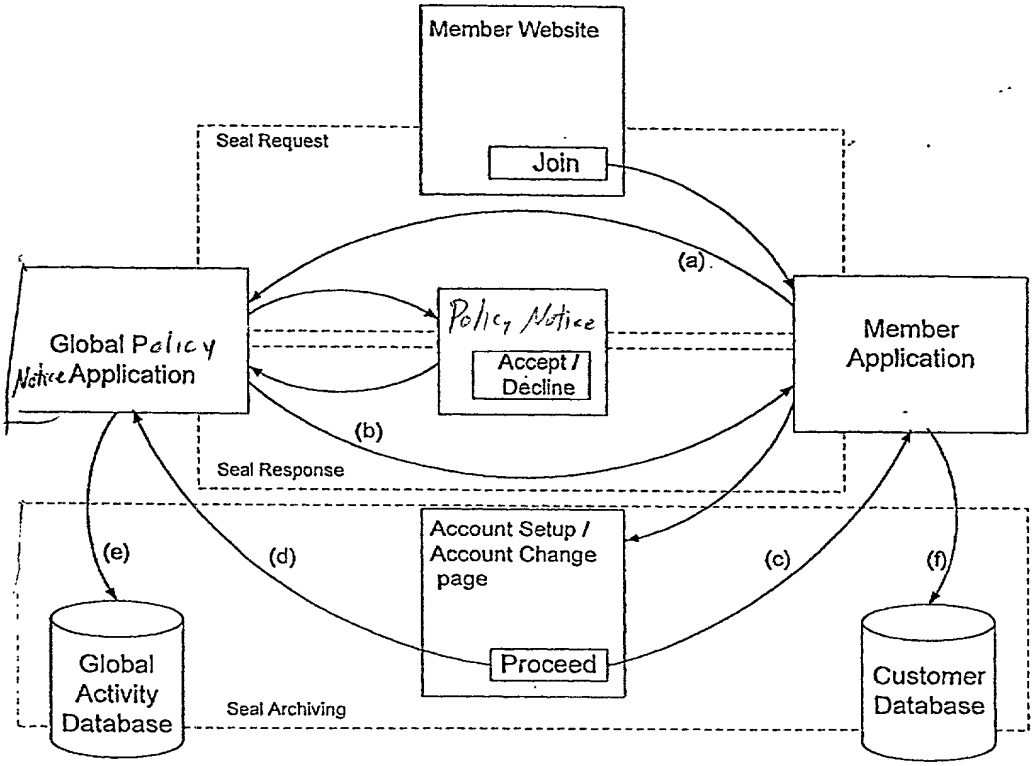

CBA Sports Supply
PRIVACY POLICY SUMMARY
TrustPage® powered by PRIVACY COUNCIL
PII Collection (Personally Identifiable Information)
click for more info
Do we collect PII? YES
Do we use cookies? NO
Do we track behavior? YES
Do we allow third party tracking? NO
Do we obtain PII about you from others? NO
Do we allow you to access or modify your PII? YES
PII Usage
Do we sell PII? NO
Do we use PII for internal promotions? CHOICE
Do we share PII with anyone? YES
Full Privacy Policy
REVIEWED
PRINT
SAVE
Learn more about TrustPage®

FIG. 2



Seal Process Sequence & Content

Seal Request
(a) Send: Member ID, Customer IP

Seal Response
(b) Send Encrypted: Seal Key & Response

Seal Completion
(c) Send: Seal Key, Customer Account Information
(d) Send Encrypted: Seal Key, Customer First Name, Surname, All Customer Account information (as one field)

Seal Archiving
(e) Record Index - Seal Key
Query Index - Date, First Name, Surname, Member ID
Enforcement Index - Expiry Date
(f) Normal customer data + Seal Key

Seal Key Structure

Date & Time
Member ID
Customer IP
Privacy Policy ID
Insurance ID
Language ID
+ Check Digit

FIG. 3

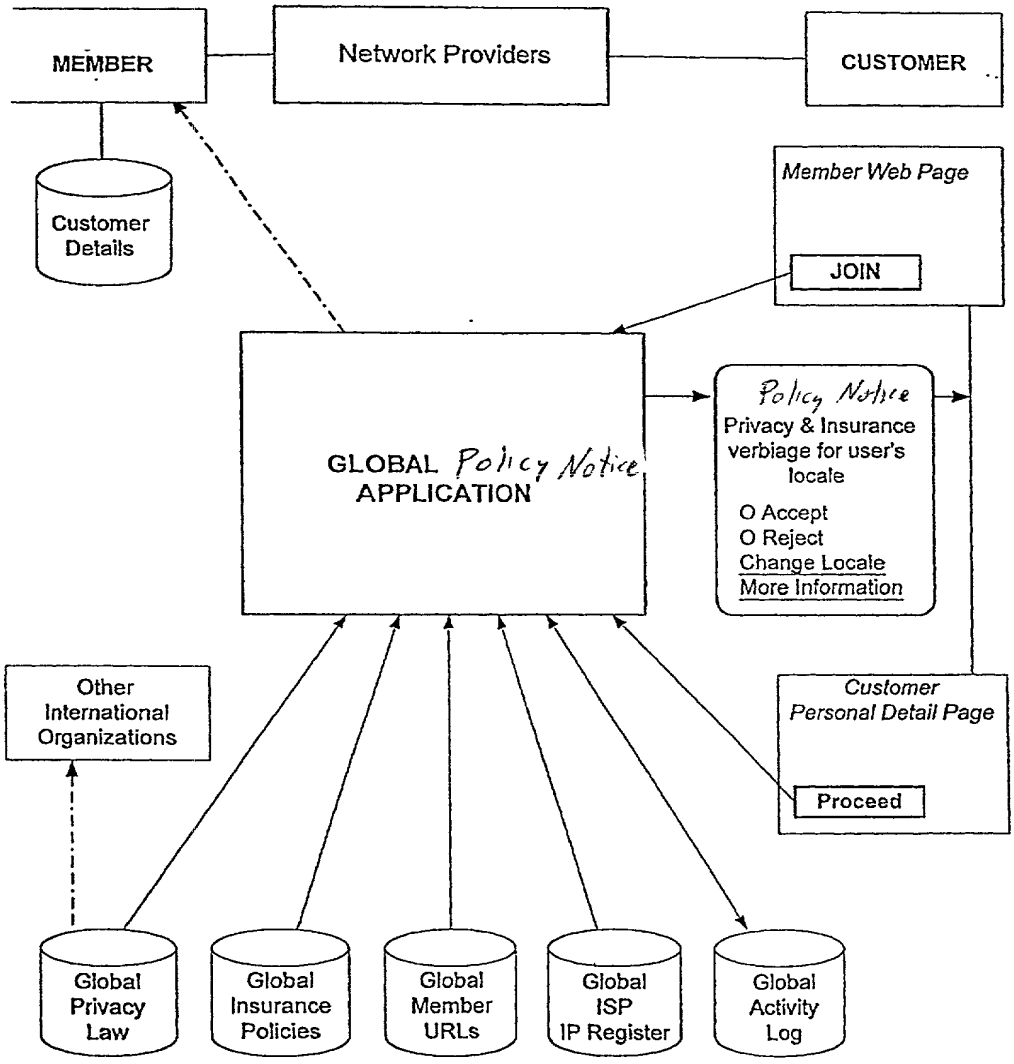

MEMBER
Network Providers
CUSTOMER
Customer Details
Member Web Page
JOIN
GLOBAL Policy Notice APPLICATION
Policy Notice
Privacy & Insurance verbiage for user's locale
O Accept
O Reject
Change Locale
More Information
Other International Organizations
Customer Personal Detail Page
Proceed
Global Privacy Law
Global Insurance Policies
Global Member URLs
Global ISP IP Register
Global Activity Log

FIG. 4

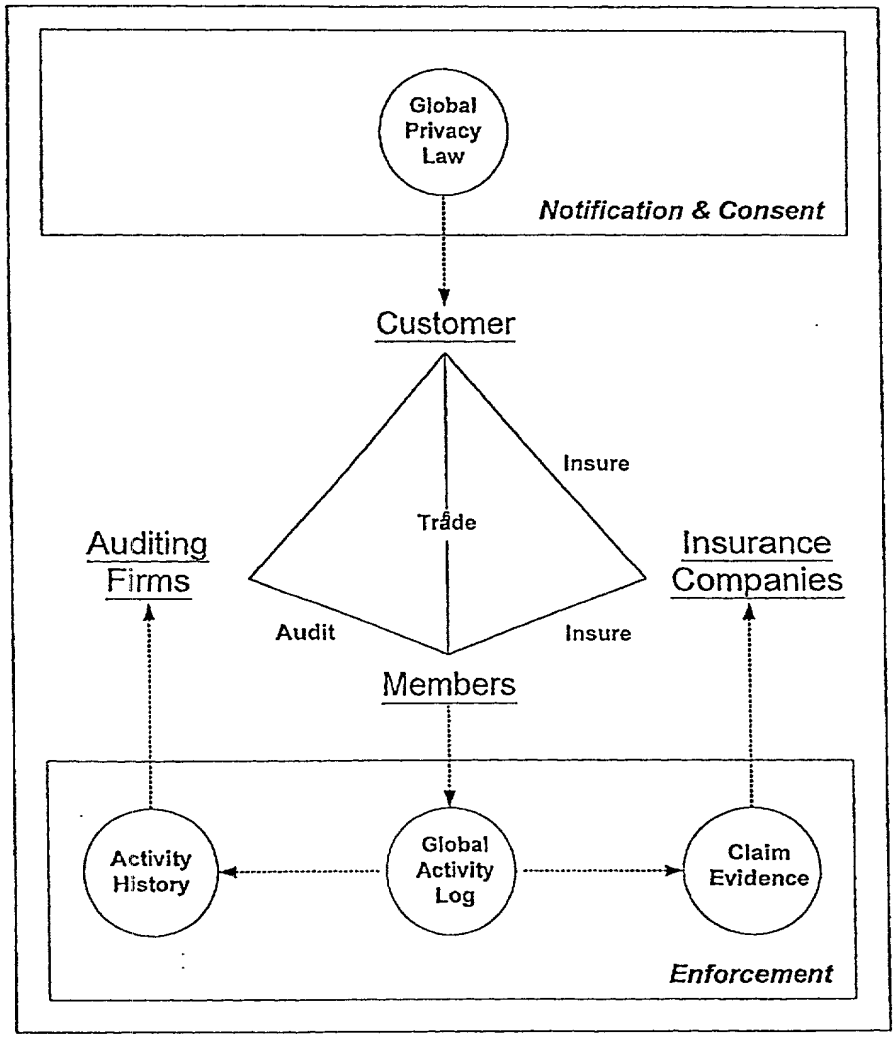

Global Privacy Law
Notification & Consent
Customer
Insure
Trade
Auditing Firms
Insurance Companies
Audit
Insure
Members
Activity History
Global Activity Log
Claim Evidence
Enforcement

FIG. 5

PROPERTY OF PRIVACY COUNCIL

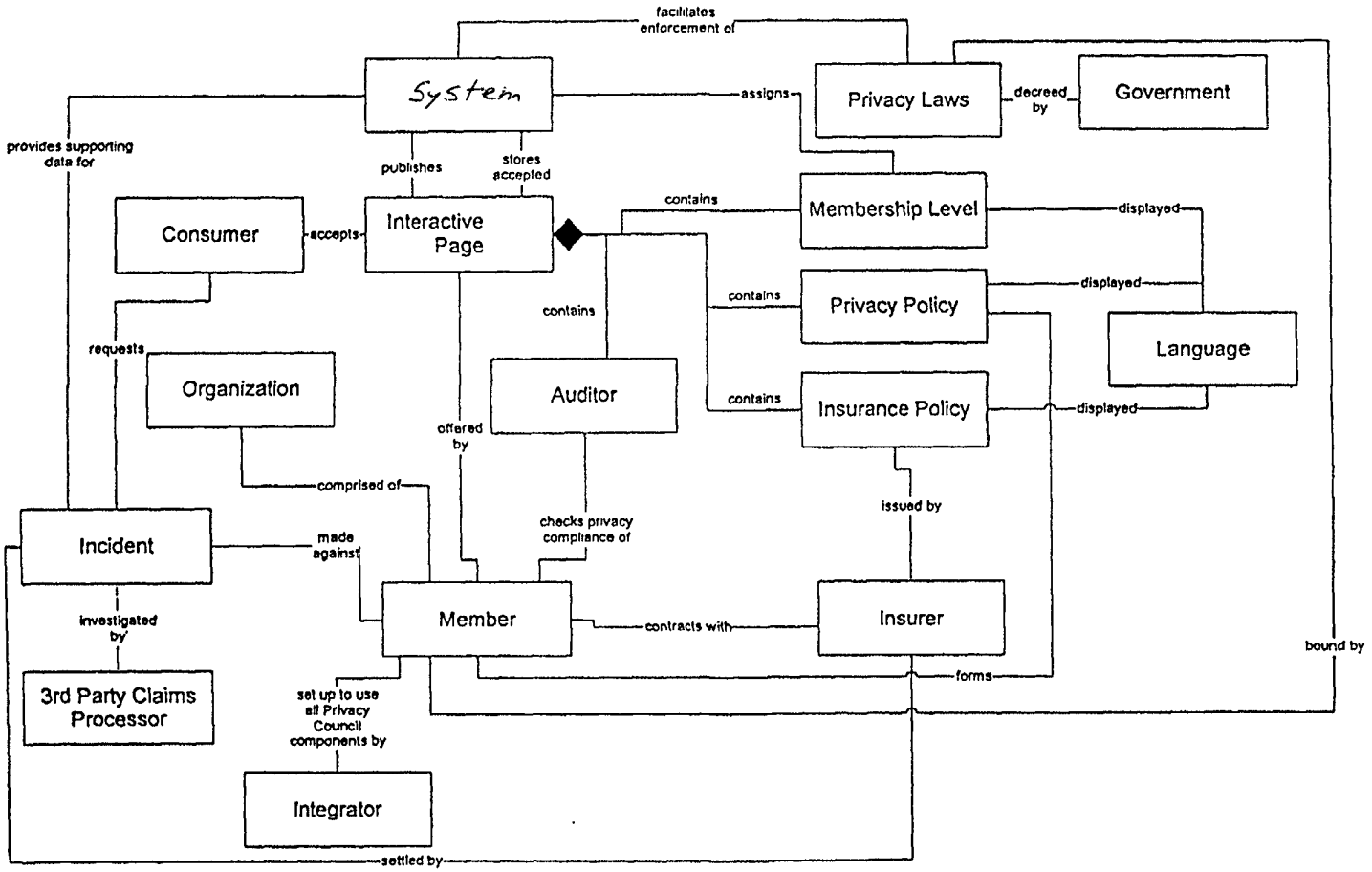


FIG. 6

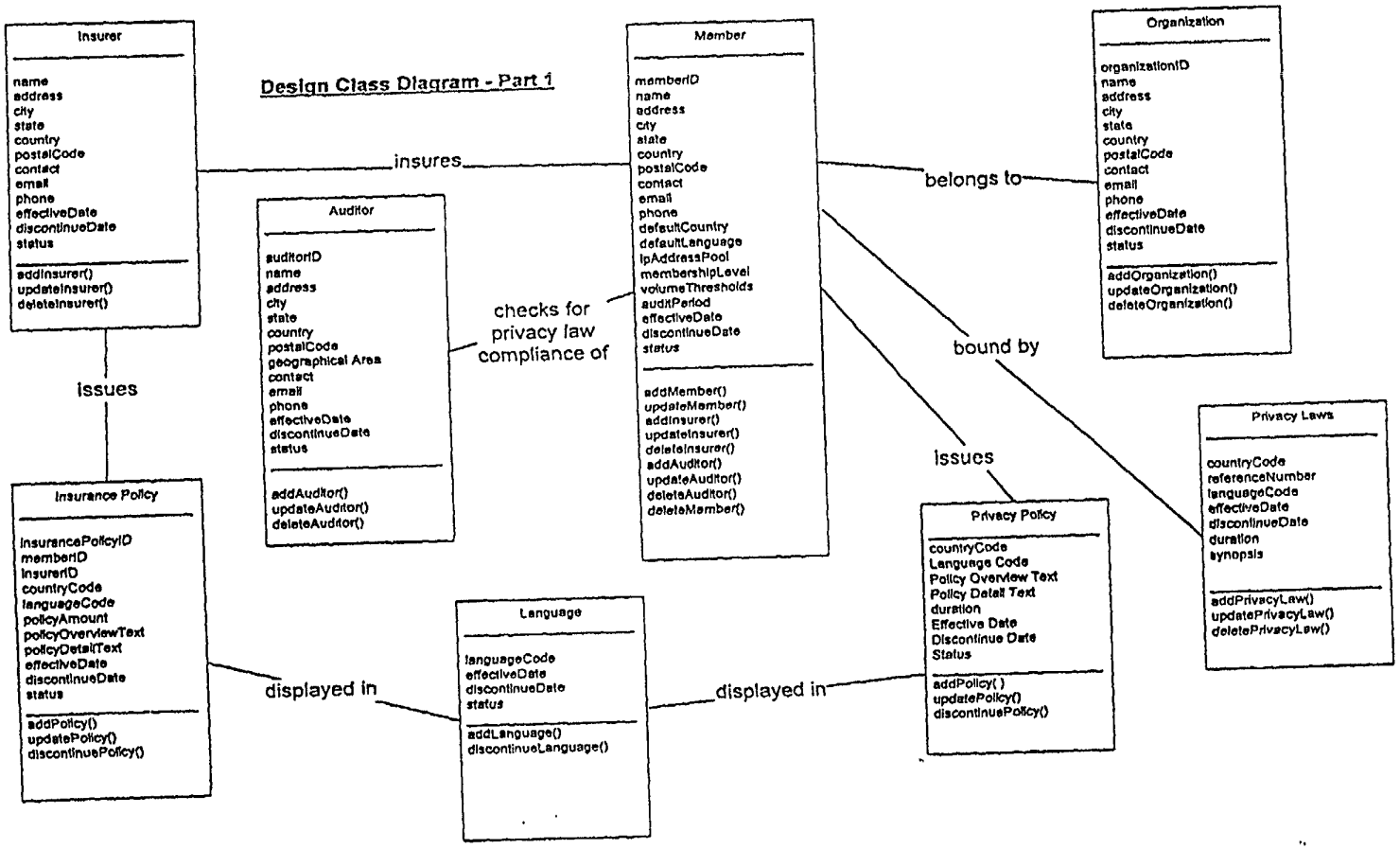

Design Class Diagram - Part 1
Insurer
name
address
city
state
country
postalCode
contact
email
phone
effectiveDate
discontinueDate
status
addInsurer()
updateInsurer()
deleteInsurer()
insures
Member
memberID
name
address
city
state
country
postalCode
contact
email
phone
defaultCountry
defaultLanguage
IpAddressPool
membershipLevel
volumeThresholds
auditPeriod
effectiveDate
discontinueDate
status
addMember()
updateMember()
addInsurer()
updateInsurer()
deleteInsurer()
addAuditor()
updateAuditor()
deleteAuditor()
deleteMember()
belongs to
Organization
organizationID
name
address
city
state
country
postalCode
contact
email
phone
effectiveDate
discontinueDate
status
addOrganization()
updateOrganization()
deleteOrganization()
Auditor
auditorID
name
address
city
state
country
postalCode
geographical Area
contact
email
phone
effectiveDate
discontinueDate
status
addAuditor()
updateAuditor()
deleteAuditor()
checks for privacy law compliance of
bound by
issues
issues
Insurance Policy
insurancePolicyID
memberID
insurerID
countryCode
languageCode
policyAmount
policyOverviewText
policyDetailText
effectiveDate
discontinueDate
status
addPolicy()
updatePolicy()
discontinuePolicy()
displayed in
Language
languageCode
effectiveDate
discontinueDate
status
addLanguage()
discontinueLanguage()
displayed in
Privacy Policy
countryCode
Language Code
Policy Overview Text
Policy Detail Text
duration
Effective Date
Discontinue Date
Status
addPolicy( )
updatePolicy()
discontinuePolicy()
Privacy Laws
countryCode
referenceNumber
languageCode
effectiveDate
discontinueDate
duration
synopsis
addPrivacyLaw()
updatePrivacyLaw()
deletePrivacyLaw()

FIG. 7A

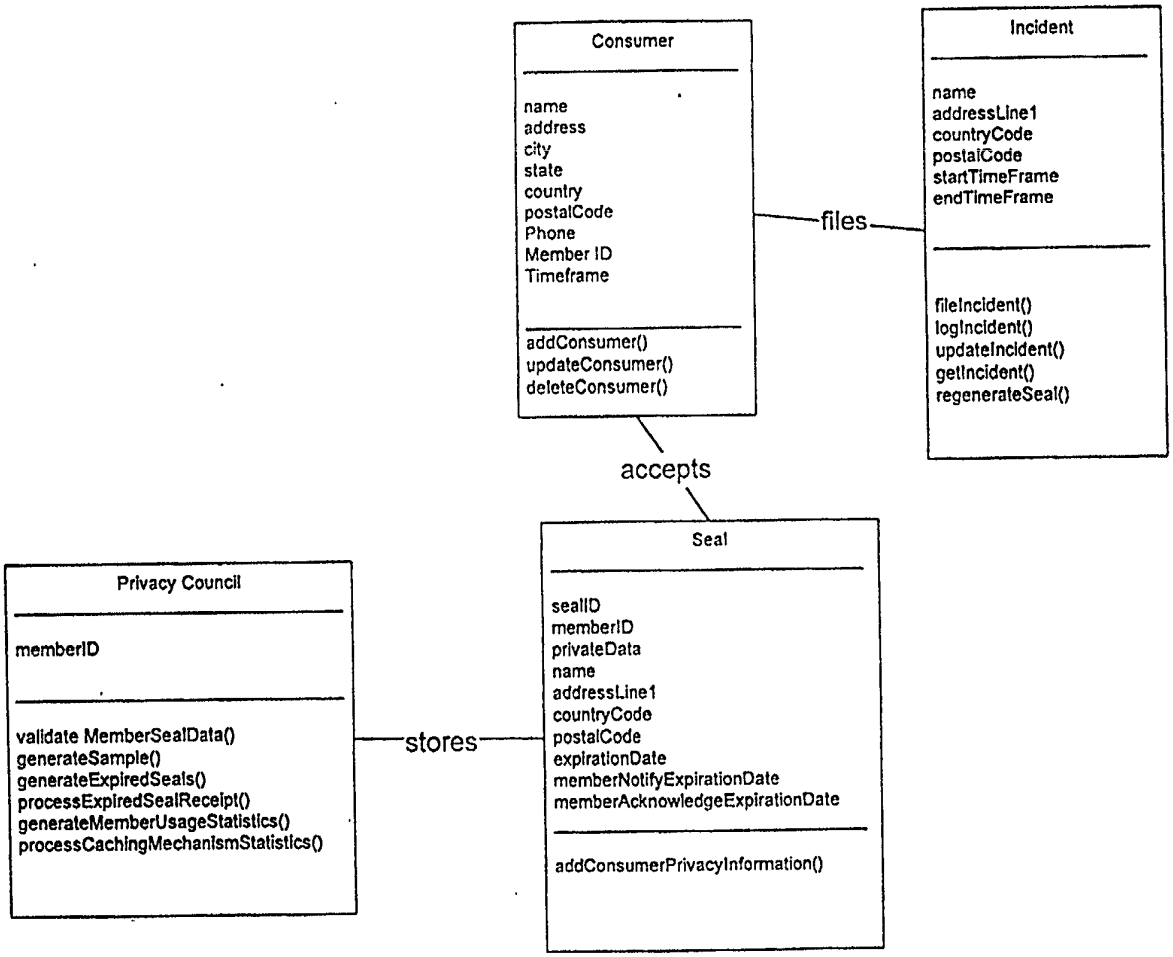

Consumer
name
address
city
state
country
postalCode
Phone
Member ID
Timeframe
addConsumer()
updateConsumer()
deleteConsumer()
files
Incident
name
addressLine1
countryCode
postalCode
startTimeFrame
endTimeFrame
fileIncident()
logIncident()
updateIncident()
getIncident()
regenerateSeal()
accepts
Seal
sealID
memberID
privateData
name
addressLine1
countryCode
postalCode
expirationDate
memberNotifyExpirationDate
memberAcknowledgeExpirationDate
addConsumerPrivacyInformation()
stores
Privacy Council
memberID
validate MemberSealData()
generateSample()
generateExpiredSeals()
processExpiredSealReceipt()
generateMemberUsageStatistics()
processCachingMechanismStatistics()

FIG. 7B

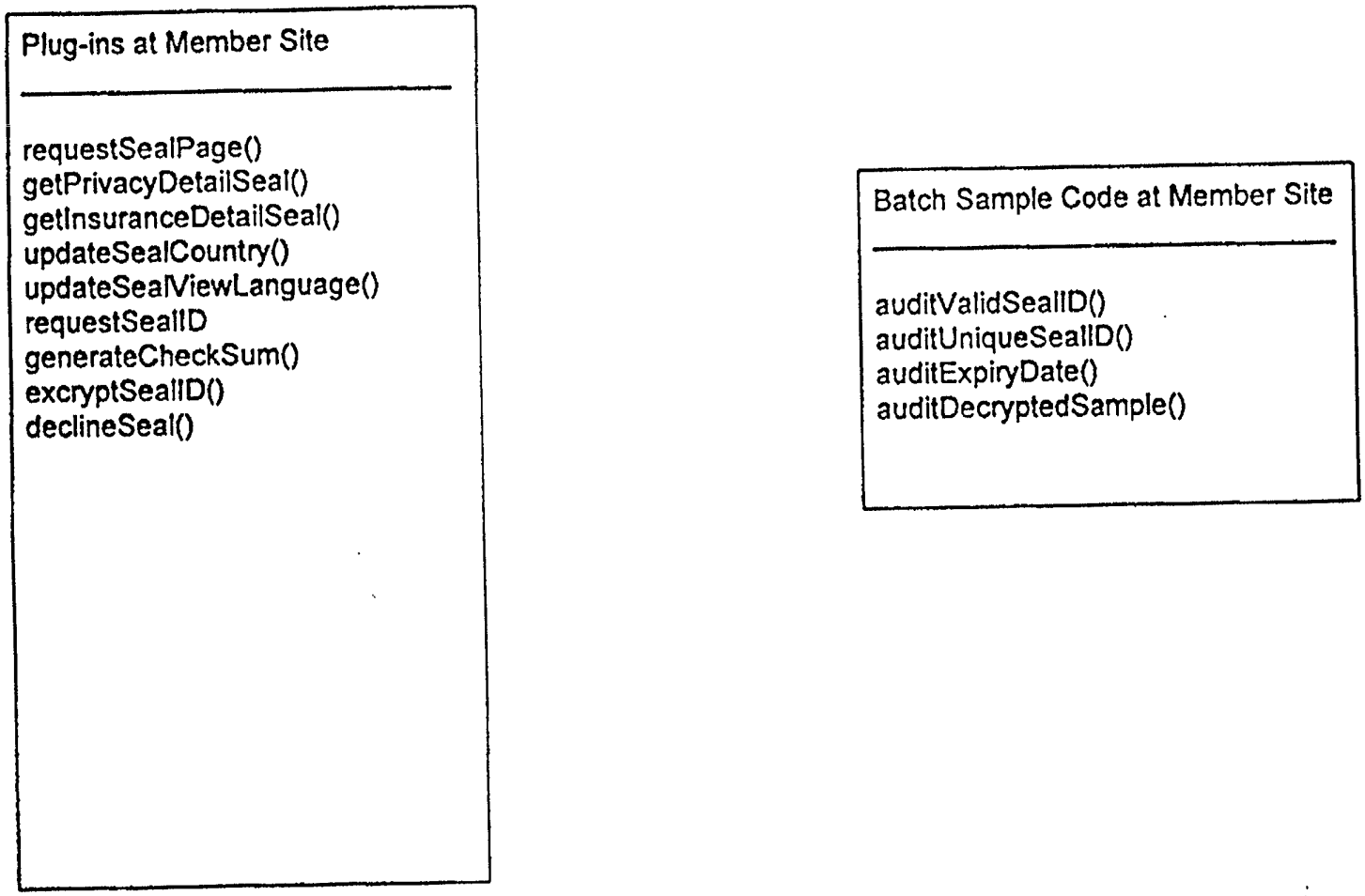

Plug-ins at Member Site
requestSealPage()
getPrivacyDetailSeal()
getInsuranceDetailSeal()
updateSealCountry()
updateSealViewLanguage()
requestSealID
generateCheckSum()
excryptSealID()
declineSeal()
Batch Sample Code at Member Site
auditValidSealID()
auditUniqueSealID()
auditExpiryDate()
auditDecryptedSample()

FIG. 7C

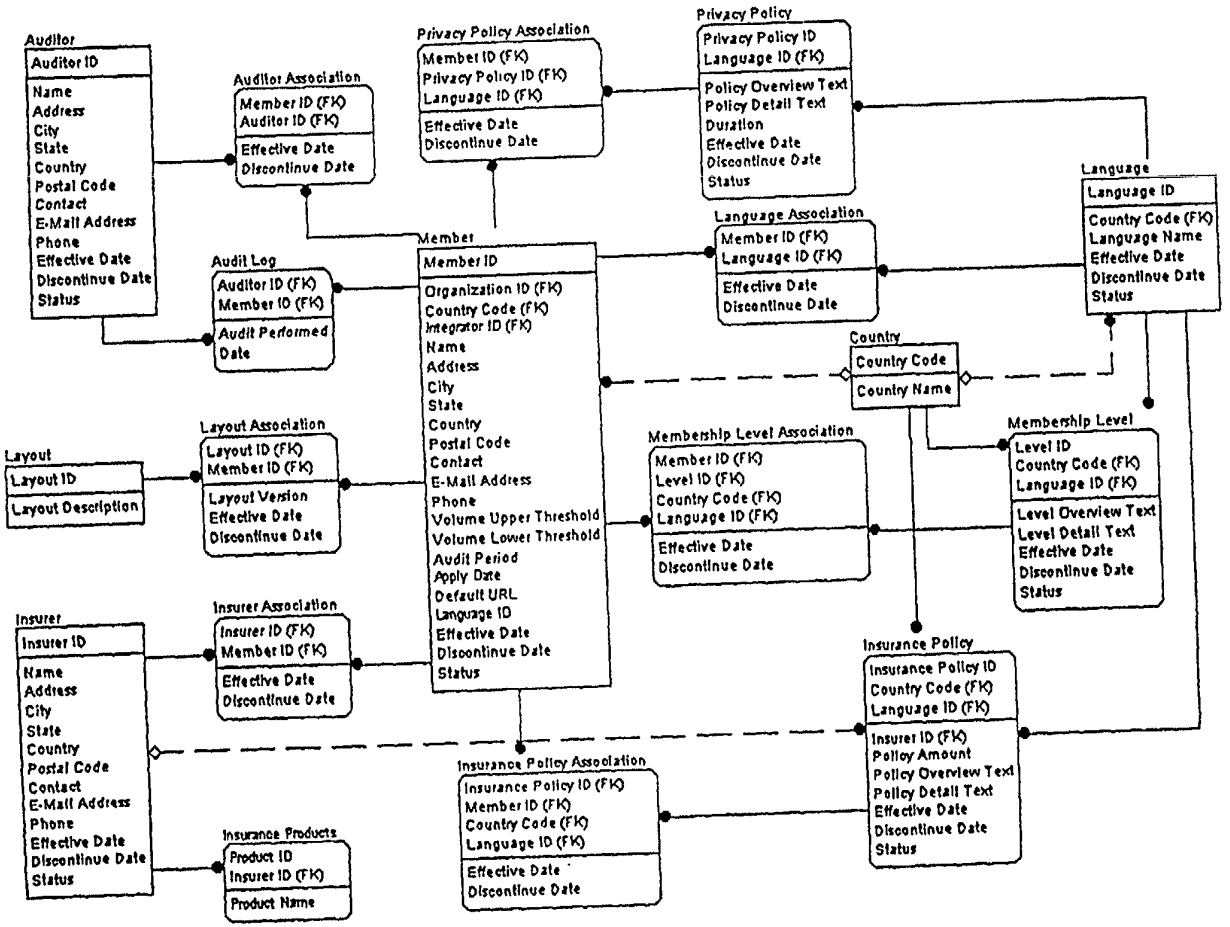

Auditor
Auditor ID
Name
Address
City
State
Country
Postal Code
Contact
E-Mail Address
Phone
Effective Date
Discontinue Date
Status
Auditor Association
Member ID (FK)
Auditor ID (FK)
Effective Date
Discontinue Date
Privacy Policy Association
Member ID (FK)
Privacy Policy ID (FK)
Language ID (FK)
Effective Date
Discontinue Date
Privacy Policy
Privacy Policy ID
Language ID (FK)
Policy Overview Text
Policy Detail Text
Duration
Effective Date
Discontinue Date
Status
Language
Language ID
Country Code (FK)
Language Name
Effective Date
Discontinue Date
Status
Language Association
Member ID (FK)
Language ID (FK)
Effective Date
Discontinue Date
Audit Log
Auditor ID (FK)
Member ID (FK)
Audit Performed Date
Member
Member ID
Organization ID (FK)
Country Code (FK)
Integrator ID (FK)
Name
Address
City
State
Country
Postal Code
Contact
E-Mail Address
Phone
Volume Upper Threshold
Volume Lower Threshold
Audit Period
Apply Date
Default URL
Language ID
Effective Date
Discontinue Date
Status
Country
Country Code
Country Name
Layout
Layout ID
Layout Description
Layout Association
Layout ID (FK)
Member ID (FK)
Layout Version
Effective Date
Discontinue Date
Membership Level Association
Member ID (FK)
Level ID (FK)
Country Code (FK)
Language ID (FK)
Effective Date
Discontinue Date
Membership Level
Level ID
Country Code (FK)
Language ID (FK)
Level Overview Text
Level Detail Text
Effective Date
Discontinue Date
Status
Insurer
Insurer ID
Name
Address
City
State
Country
Postal Code
Contact
E-Mail Address
Phone
Effective Date
Discontinue Date
Status
Insurer Association
Insurer ID (FK)
Member ID (FK)
Effective Date
Discontinue Date
Insurance Policy
Insurance Policy ID
Country Code (FK)
Language ID (FK)
Insurer ID (FK)
Policy Amount
Policy Overview Text
Policy Detail Text
Effective Date
Discontinue Date
Status
Insurance Policy Association
Insurance Policy ID (FK)
Member ID (FK)
Country Code (FK)
Language ID (FK)
Effective Date
Discontinue Date
Insurance Products
Product ID
Insurer ID (FK)
Product Name

FIG. 8A

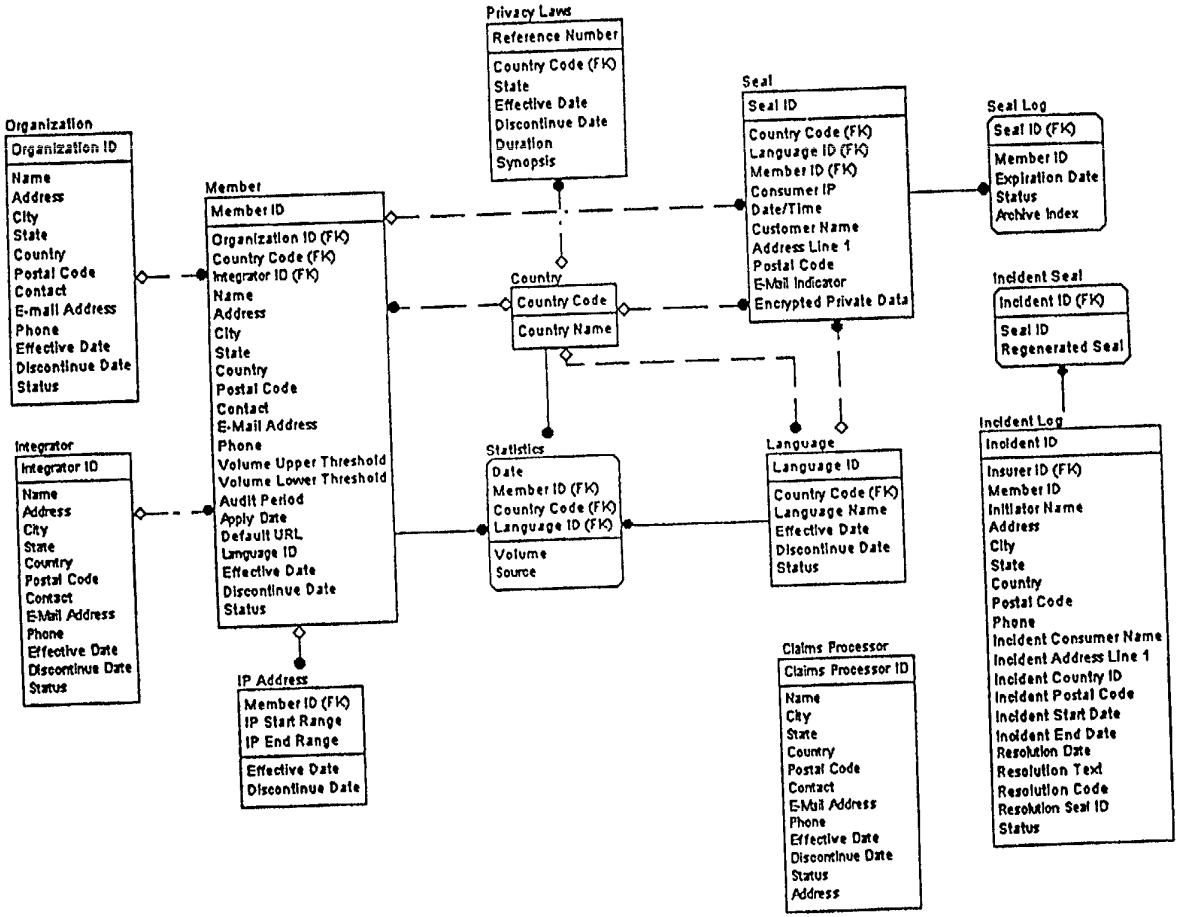

Organization
Organization ID
Name
Address
City
State
Country
Postal Code
Contact
E-mail Address
Phone
Effective Date
Discontinue Date
Status
Member
Member ID
Organization ID (FK)
Country Code (FK)
Integrator ID (FK)
Name
Address
City
State
Country
Postal Code
Contact
E-Mail Address
Phone
Volume Upper Threshold
Volume Lower Threshold
Audit Period
Apply Date
Default URL
Language ID
Effective Date
Discontinue Date
Status
Integrator
Integrator ID
Name
Address
City
State
Country
Postal Code
Contact
E-Mail Address
Phone
Effective Date
Discontinue Date
Status
IP Address
Member ID (FK)
IP Start Range
IP End Range
Effective Date
Discontinue Date
Privacy Laws
Reference Number
Country Code (FK)
State
Effective Date
Discontinue Date
Duration
Synopsis
Country
Country Code
Country Name
Statistics
Date
Member ID (FK)
Country Code (FK)
Language ID (FK)
Volume
Source
Seal
Seal ID
Country Code (FK)
Language ID (FK)
Member ID (FK)
Consumer IP
Date/Time
Customer Name
Address Line 1
Postal Code
E-Mail Indicator
Encrypted Private Data
Language
Language ID
Country Code (FK)
Language Name
Effective Date
Discontinue Date
Status
Claims Processor
Claims Processor ID
Name
City
State
Country
Postal Code
Contact
E-Mail Address
Phone
Effective Date
Discontinue Date
Status
Address
Seal Log
Seal ID (FK)
Member ID
Expiration Date
Status
Archive Index
Incident Seal
Incident ID (FK)
Seal ID
Regenerated Seal
Incident Log
Incident ID
Insurer ID (FK)
Member ID
Initiator Name
Address
City
State
Country
Postal Code
Phone
Incident Consumer Name
Incident Address Line 1
Incident Country ID
Incident Postal Code
Incident Start Date
Incident End Date
Resolution Date
Resolution Text
Resolution Code
Resolution Seal ID
Status

FIG. 8B